

Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (currently amended) A method of producing a local and a systemic immunogenic response in a buccal mucous membrane, saliva, and lymph nodes draining said mucous membrane, the method comprising administering in the floor of a primate's mouth a composition comprising an immunogen specific for a pathogenic agent having a gateway into the buccal mucous membrane, wherein a local and systemic IgA antibody and IgA antibody-producing B cell response is induced.
2. (original) The method of claim 1 wherein the IgA antibody is a secretory IgA antibody.
3. (previously presented) The method of claim 1 wherein said administering is by sublingual injection, deposition, bioadhesive, or capsule that releases the composition in the floor of the mouth.
4. (previously presented) The method of claim 3 wherein the bioadhesive or capsule contains or is coupled to a system that promotes penetration of the composition.
5. (previously presented) The method according to claim 1 wherein the immunogen is from a pathogen chosen from the group consisting of HIV, herpes viruses, candidae, hepatitis viruses, picornaviridae, reoviruses, adenoviruses, human papillomavirus, cytomegalovirus, Epstein-Barr virus, and aerosol transmitted pathogens.
6. (withdrawn)
7. (withdrawn)
8. (previously presented) The method according to claim 1, wherein the immunogen is from HIV.
9. (original) The method according to claim 8, wherein the immunogen is gp160.
10. (previously presented) The method according to claim 1, wherein the primate is a human.